TABLE OF CONTENTS

VOLUME 41

Volume 41, Number 1, 1993

Том 56, № 4, 1992

I. K. Babenko, Asymptotic invariants of smooth manifolds 1

V. Z. Belen'kiĭ, Sufficient optimality conditions for linear differential inequalities with discontinuous trajectories 39

V. S. Vladimirov, On spectral properties of p-adic pseudodifferential operators of Schrödinger type 55

A. Yu. Kolesov and Yu. S. Kolesov, Relaxation cycles of differential-difference equations 75

V. B. Levenshtam, Averaging of quasilinear parabolic equations with rapidly oscillating principal part. Exponential dichotomy 95

D. O. Orlov, Projective bundles, monoidal transformations, and derived categories of coherent sheaves 133

S. I. Pidkuĭko, On the denseness of the set of nonintegrable Hamiltonians 143

S. A. Imomkulov, Twice differentiability of subharmonic functions 157

Vik. S. Kulikov, On the Lefschetz theorem for the complement of a curve in $\mathbb{P}^2$ 169

V. K. Bulitko, Letter to the editor 185

V. A. Plaksin, Letter to the editor: Correction to the paper "The distribution of numbers representable as a sum of two squares" 187

Volume 41, Number 2, 1993

Том 56, № 5, 1992

V. S. Vladimirov and A. G. Sergeev, On the one-hundredth anniversary of the birth of I. M. Vinogradov 189

B. P. Allakhverdiev, On the theory of nonselfadjoint operators of Schrödinger type with a matrix potential 193

V. I. Bakhtin, A direct method of constructing an invariant measure on a hyperbolic attractor 207

S. M. Voronin, On Kloosterman sums 229

D. N. Zarnadze, On some topological and geometrical properties of Fréchet-Hilbert spaces 273

A. N. Kochubeĭ, The differentiation operator on subsets of the field of p-adic numbers 289
E. G. Sklyarenko, Connection homology and cohomology between sets. Enclosure homology and cohomology of a closed set 307
Yu. A. Neretin, On combinatorial analogs of the group of diffeomorphisms of the circle 337
Vik. S. Kulikov, Generalized and local Jacobian problems 351
A. Yu. Khrennikov and M. Endo, Unboundedness of a p-adic Gaussian distribution 367
I. M. Prudnikov, Necessary and sufficient conditions for the representability of a positive homogeneous function of three variables in the form of a difference of convex functions 377
V. I. Arnol'd, Congruences for Euler, Bernoulli, and Springer numbers of Coxeter groups 389

Volume 41, Number 3, 1993

Том 56, № 6, 1992

O. I. Bogoyavlenskiĭ, Integrable problems of the dynamics of coupled rigid bodies 395
S. V. Gonchenko and L. P. Shil'nikov, On moduli of systems with a structurally unstable homoclinic Poincaré curve 417
S. A. Gritsenko, Three additive problems 447
S. G. Lobanov, Picard's theorem for ordinary differential equations in locally convex spaces 465
S. G. Merzlyakov , Invariant subspaces of the unit shift operator 489
A. V. Fursikov, Moment theory for the Navier-Stokes equations with a random right side 515
L. V. Shirokov, On AE(n)-bicompacta 557
E. A. Sataev, Gibbs measures for one-dimensional attractors of hyperbolic mappings with singularities 567
S. M. Ageev, Classification of G-spaces 581